

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	("20020187877" "5107723" "5743826" "5938563").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L2	290	kondo-masami.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L3	95	L2 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L4	20	L3 and ((friction near2 element) or clutch or (torque adj transmit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L5	20	L4 not L1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L6	28	L1 L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L7	271	matsubara-toru.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L8	68	L7 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L9	28	L8 and ((friction near2 element) or clutch or (torque adj transmit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27

## EAST Search History

L10	28	L9 not L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L11	56	L6 L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L12	1172	tanaka-yoshikazu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L13	206	L12 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L14	100	L13 and ((friction near2 element) or clutch or (torque adj transmit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L15	92	L14 not L11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L16	77	L15 and transmission	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L17	133	L11 L16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L18	1332	sato-yasushi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L19	80	L18 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27

## EAST Search History

L20	17	L19 and ((friction near2 element) or clutch or (torque adj transmit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:41
L21	16	L20 not L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L22	149	L17 L21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L23	965	yoshida-satoshi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L24	10	L23 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L25	9	L24 not L22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L26	158	L22 L25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L27	139	fukatsu-akira.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L28	48	L27 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L29	38	L28 and ((friction near2 element) or clutch or (torque adj transmit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27

## EAST Search History

L30	37	L29 not L26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L31	195	L26 L30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L32	1654	watanabe-kiyoshi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L33	14	L32 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L34	10	L33 not L31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L35	205	L31 L34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L36	188	477/116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L37	188	L36 not L35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L38	393	L37 L35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L39	674	477/107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27

## EAST Search History

L40	103	L39 and ((neutral or (non adj driv\$3) or non-driv\$3 or nondriv\$3) near5 shift\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:30
L41	97	L40 not L38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27
L42	490	L38 L41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:30
L43	680	477/111.ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:30
L44	132	43 and ((neutral or (non adj driv\$3) or non-driv\$3 or nondriv\$3) near5 shift\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:51
L45	119	44 not 42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:39
L46	609	42 45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:39
L47	102	477/902.ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:39
L48	102	47 not 46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:41
L49	711	46 48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:41

## EAST Search History

L50	460	477/98.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:41
L51	168	50 and ((heat or temperature) with ((friction near2 element) or clutch or (torque adj transmit\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:51
L52	156	51 not 49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:50
L53	867	49 52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:50
L54	14982	((heat or temperature) with ((friction near2 element) or clutch or (torque adj transmit\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:51
L55	554	54 and ((neutral or (non adj driv\$3) or non-driv\$3 or nondriv\$3) near5 shift\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:51
L56	358	55 and (automat\$6 near2 transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:52
L58	316	56 not 53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 10:16
L59	1183	53 58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 10:26

## EAST Search History

L60	45	("4070927"   "4308764"   "4519273"   "4653622"   "4671139"   "4730521"   "4732246"   "4836055"   "4845618"   "4873637"   "4890515"   "4939957"   "4949595"   "4981053"   "5289739"   "5466199"   "5478293"   "5701867"   "5720693"   "5749805"   "5788596"   "5788603"   "5795262"   "5800308"   "5906559"   "5957808"   "6152275"   "6317671"   "6319170").PN. OR ("2002/0187877"   "2003/0036457"   "5107723"   "6106432"   "6634988").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/14 10:26
L61	31	60 not 59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 10:28
L62	1214	59 61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 10:28
S1	8	("2002/0187877"   "5107723"   "5743826"   "5938563").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:30
S2	290	kondo-masami.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:30
S3	95	S2 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:31
S4	20	S3 and ((friction near2 element) or clutch or (torque adj transmit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:38
S5	20	S4 not S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:37

## EAST Search History

S6	28	S1 S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:37
S7	271	matsubara-toru.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:38
S8	68	S7 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:38
S9	28	S8 and ((friction near2 element) or clutch or (torque adj transmit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:39
S10	28	S9 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:39
S11	56	S6 S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:39
S12	1172	tanaka-yoshikazu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:39
S13	206	S12 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:39
S14	100	S13 and ((friction near2 element) or clutch or (torque adj transmit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:48
S15	92	S14 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:40

## EAST Search History

S16	77	S15 and transmission	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:47
S17	133	S11 S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:47
S18	1332	sato-yasushi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:47
S19	80	S18 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:47
S20	17	S19 and ((friction near2 element) or clutch or (torque adj transmit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:49
S21	16	S20 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:48
S22	149	S17 S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:48
S23	965	yoshida-satoshi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:48
S24	10	S23 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:49
S25	9	S24 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:49

## EAST Search History

S26	158	S22 S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:49
S27	139	fukatsu-akira.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:49
S28	48	S27 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:49
S29	38	S28 and ((friction near2 element) or clutch or (torque adj transmit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:49
S30	37	S29 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:51
S31	195	S26 S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:51
S32	1654	watanabe-kiyoshi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:52
S33	14	S32 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:52
S34	10	S33 not S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:52
S35	205	S31 S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:52

## EAST Search History

S36	188	477/116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 16:52
S37	188	S36 not S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 17:14
S38	393	S37 S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 17:41
S39	674	477/107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 17:42
S40	252	S39 and (neutral or (non adj driv\$3) or non-driv\$3 or nondriv\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 17:43
S41	103	S39 and ((neutral or (non adj driv\$3) or non-driv\$3 or nondriv\$3) near5 shift\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 17:44
S42	97	S41 not S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 09:27